

CLAIMS

I/We claim:

- [c1] 1. A local exhaust system for VOC pollution control, said system comprising:
- a plurality of hoods around at one side of an article and around thereof and air flows at the other side to remove VOC thereon and air flows at the other side to remove VOC thereon to generate polluted air flow such that said plurality of hoods receiving and collecting said polluted air;
 - a plurality of pipelines connected to said plurality of hood for taking said polluted air therefrom; and
 - a plurality of air flow regulators on said plurality of pipelines for adjusting air flow therein.
- [c2] 2. The system in claim 1, wherein said plurality of hoods is composed of a container and one surface of said container is opening for collecting said polluted air.
- [c3] 3. The system in claim 4, wherein said plurality of hoods has a vertex angle and the combined shape of said plurality of hoods is similar to a shape of said article.
- [c4] 4. The system in claim 5, wherein said plurality of hoods has an exhaust aperture in said vertex angle.
- [c5] 5. The system in claim 6, wherein a dimension of said plurality of hoods is the maximum at said exhaust aperture and gradually reduces far away from said exhaust aperture.

- [c6] 6. The system in claim 1, wherein positioners are among said plurality of hoods.
- [c7] 7. The system in claim 1, wherein said article is supported by a support base located among said plurality of hoods.
- [c8] 8. The system in claim 4, wherein said article is a glass substrate.
- [c9] 9. The system in claim 10, wherein a combined shape of said plurality of hoods is a rectangle.
- [c10] 10. The system in claim 1, wherein said plurality of pipelines is an inflexible pipeline.
- [c11] 11. The system in claim 1, wherein said plurality of pipelines connects to an air-extracting apparatus.
- [c12] 12. The system in claim 1, wherein said plurality of air flow regulator is a damper.
- [c13] 13. A local exhaust system for VOC pollution control applied to a apparatus that generates pollutants and is in a chamber, said system comprising:
 a plurality of hoods around at one side of an article and around thereof and
 air flows at the other side to remove VOC thereon and air flows at
 the other side to remove VOC thereon to generate polluted air flow,
 wherein said plurality of hoods is composed of a container and one
 surface of said container is opening for collecting said polluted air,
 said plurality of hoods has a vertex angle, the combined shape of
 said plurality of hoods is similar to a shape of said article, said
 plurality of hoods has an exhaust aperture in said vertex angle, and

a dimension of said plurality of hoods is the maximum at said exhaust aperture and gradually reduces far away from said exhaust aperture;

a plurality of pipelines connected to said plurality of hood for taking said polluted air therefrom; and

a plurality of air flow regulators on said plurality of pipelines for adjusting air flow therein.

[c14] 14. The system in claim 13, wherein positioners are among said plurality of hoods.

[c15] 15. The system in claim 13, wherein said article is a glass substrate.

[c16] 16. The system in claim 15, wherein a combined shape of said plurality of hoods is a rectangle.

[c17] 17. The system in claim 15, wherein said plurality of hoods has an exhaust aperture at a vertex angle of said rectangle connecting to said plurality of pipelines.

[c18] 18. The system in claim 13, wherein said plurality of pipelines is inflexible.

[c19] 19. The system in claim 13, wherein said plurality of pipelines connects to an air-extracting apparatus.

[c20] 20. The system in claim 13, wherein said plurality of air flow regulator is a damper.